

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2005/050655

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06T11/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G06T

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal, WPI Data, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	RITCHIE C J ET AL: "CORRECTION OF COMPUTED TOMOGRAPHY MOTION ARTIFACTS USING PIXEL-SPECIFIC BACK-PROJECTION" IEEE TRANSACTIONS ON MEDICAL IMAGING, IEEE INC. NEW YORK, US, vol. 15, no. 3, 1 June 1996 (1996-06-01), pages 333-342, XP000587927 ISSN: 0278-0062	1,2,4, 8-12
Y	page 336, left-hand column, line 16 - page 337, left-hand column, line 19 ----- -/--	6

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

° Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

17 May 2005

Date of mailing of the international search report

25/05/2005

Name and mailing address of the ISA
European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Perez Molina, E

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2005/050655

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No. -
Y	MAIR B A ET AL: "Simultaneous motion estimation and image reconstruction from gated data" BIOMEDICAL IMAGING, 2002. PROCEEDINGS. 2002 IEEE INTERNATIONAL SYMPOSIUM ON JULY 7-10, 2002, PISCATAWAY, NJ, USA, IEEE, 7 July 2002 (2002-07-07), pages 661-664, XP010600675 ISBN: 0-7803-7584-X page 661, right-hand column, line 10 - line 38	6
A	US 6 103 350 A (GRANGEAT ET AL) 15 August 2000 (2000-08-15) claim 1	1-12
A	GRASS ET AL.: "helical cardiac cone beam reconstruction using retrospective ecg gating" PHYSICS IN MEDICINE AND BIOLOGY, no. 48, 2003, pages 3069-3084, XP002328244 UK page 3070, line 9 - line 47	1-12
A	DHANANTWARI A C ET AL: "Adaptive processing to correct for organ motion artifacts in x-ray CT medical imaging systems" SENSOR ARRAY AND MULTICHANNEL SIGNAL PROCESSING WORKSHOP. 2000. PROCEEDINGS OF THE 2000 IEEE 16-17 MARCH 2000, PISCATAWAY, NJ, USA, IEEE, 16 March 2000 (2000-03-16), pages 261-265, XP010516091 ISBN: 0-7803-6339-6 page 261, right-hand column, line 8 - line 18	1-12

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2005/050655

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6103350	A	15-08-2000	FR 2749957 A1	19-12-1997
			CA 2208082 A1	18-12-1997
			DE 69721900 D1	18-06-2003
			DE 69721900 T2	11-03-2004
			EP 0814430 A1	29-12-1997